PTO/SB/05 (08-03)
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UTILITY PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	
First Inventor	
Title	
Express Mail Label No.	

(0111) 101 1	1011 Horiprovidiona	applications under 57 Of N 1.55(b))	Express Mail Label No.			
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.		ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450				
1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. 3. Specification [Total Pages] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure			7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS 9. Assignment Papers (cover sheet & document(s))			
5. Oath or Dec		113) [Total Sheets] [Total Sheets] iginal or copy)	11. English Trans 12. Information Di	s an assignee) Attorney slation Document (if applicable) bisclosure Copies of IDS		
b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)			Statement (IDS)/PTO-1449 Citations 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)			
		attached deleting inventor(s) application, see 37 CFR	15. Certified Copy (if foreign prio 16. Nonpublicatio (b)(2)(B)(i). Ap	y of Priority Document(s) ority is claimed) on Request under 35 U.S.C. 122 pplicant must attach form PTO/SB/35		
6. Appl	ication Data She	et. See 37 CFR 1.76	or its equivale	ent.		
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:						
Contir	nuation	Divisional Continua	tion-in-part (CIP) of pri	ior application No.:		
Prior application information: Examiner For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.						
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This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Complet if Known FEE TRANSMITTAL **Application Number** Filing Date for FY 2004 First Named Inventor Effective 10/01/2003. Patent fees are subject to annual revision. **Examiner Name** Applicant claims small entity status. See 37 CFR 1.27 Art Unit **TOTAL AMOUNT OF PAYMENT** (\$) Attorney Docket No. FEE CALCULATION (continued) METHOD OF PAYMENT (check all that apply) Money Order 3. ADDITIONAL FEES Check Credit card Other None _arge Entity Small Entity Deposit Account: Fee Fee Fee Fee Fee Description Deposit Code (\$) Code (\$) Fee Paid Account 1051 130 2051 65 Surcharge - late filing fee or oath Number Deposit Surcharge - late provisional filing fee or 2052 1052 50 Account cover sheet Name 130 Non-English specification 1053 130 1053 The Director is authorized to: (check all that apply) 1812 2,520 For filing a request for ex parte reexamination 1812 2,520 Credit any overpayments Charge fee(s) indicated below 1804 920 920* Requesting publication of SIR prior to Charge any additional fee(s) or any underpayment of fee(s) Examiner action Charge fee(s) indicated below, except for the filing fee Requesting publication of SIR after 1805 1.840 1805 1.840* Examiner action to the above-identified deposit account. 1251 110 2251 Extension for reply within first month 55 **FEE CALCULATION** 210 Extension for reply within second month 1252 420 2252 1. BASIC FILING FEE 1253 950 2253 475 Extension for reply within third month arge Entity Small Entity Fee Paid Fee ree Code (\$) Fee Description 2254 1254 1.480 740 Extension for reply within fourth month Code (\$) 1,005 Extension for reply within fifth month 1255 2.010 2255 1001 770 2001 385 Utility filing fee 1401 330 2401 165 Notice of Appeal 1002 340 2002 170 Design filing fee 1402 330 2402 165 Filing a brief in support of an appeal 1003 530 2003 265 Plant filing fee 145 Request for oral hearing 1403 290 2403 2004 385 1004 770 Reissue filing fee 1451 1.510 1451 Provisional filing fee 1,510 Petition to institute a public use proceeding 1005 160 2005 80 1452 110 2452 55 Petition to revive - unavoidable SUBTOTAL (1) (\$) 2453 1453 1,330 665 Petition to revive - unintentional 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE 1501 1,330 2501 665 Utility issue fee (or reissue) Fee from Extra Claims Fee Paid below 1502 480 2502 240 Design issue fee Total Claims Х -20 1503 2503 320 Plant issue fee 640 Independent Claims L.
Multiple Dependent 1460 130 1460 130 Petitions to the Commissioner 1807 50 1807 50 Processing fee under 37 CFR 1.17(g) Large Entity Small Entity 180 Submission of Information Disclosure Stmt 1806 180 1806 Fee Description 40 Recording each patent assignment per Code (\$) Code (\$) 8021 40 8021 property (times number of properties) Claims in excess of 20 1202 18 2202 9 385 Filing a submission after final rejection 1809 770 2809 1201 86 2201 Independent claims in excess of 3 (37 CFR 1.129(a)) 43 1203 290 2203 145 Multiple dependent claim, if not paid 385 For each additional invention to be 770 1810 2810 examined (37 CFR 1.129(b)) Reissue independent claims 1204 86 2204 43 770 over original patent 2801 385 Request for Continued Examination (RCE) 1801 900 Request for expedited examination 1802 900 1802 1205 ** Reissue claims in excess of 20 18 2205 of a design application and over original patent Other fee (specify) SUBTOTAL (2) (\$) *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) **or number previously paid, if greater; For Reissues, see above (Complete (if applicable)) SUBMITTED BY Registration No. Name (Print/Type) C0221A Telephone

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ttomey/Agent)

Date

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Signature